

AMENDMENTS TO THE CLAIMS:

Please amend Claims 1, 4, and 17 as follows:

1. (Currently Amended) An optical element device comprising:

a light emitting element; and

a substrate mounting the light emitting element thereon and having an optical path transforming structure, both formed on the same semiconductor substrate;

wherein an integral semiconductor body comprises each of the light emitting element and the substrate, whereby a surface of the light emitting element and a surface of the substrate are attached to each other.

wherein the optical path transforming structure is configured to change a light proceeding direction to couple light from the light emitting element with a light receiving element, and

wherein the substrate and the light emitting element are made of the same semiconductor material.

2. (Previously Presented) The device according to claim 1, wherein the substrate is configured such that it does not absorb light being propagated from the light emitting element.

3. (Cancelled)

4. (Currently Amended) The device according to claim 1, wherein the semiconductor substrate is formed of a compound semiconductor.

5-16. (Cancelled)

17. (Currently Amended) The device according to claim 1, wherein the semiconductor substrate comprises a GaAs layer and a semiconductor layer, and the light emitting element is formed on the GaAs layer and the optical path transforming structure is formed on the semiconductor layer.